

### IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-26 (Cancelled).

Claim 27 (New): A product comprising a carrier-enzyme-protein complex comprising:

a carrier;

an enzyme, two or more molecules of the enzyme being conjugated to the carrier; and

a protein that binds to at least one substance selected from the group consisting of an antigen, an antibody, an antibody fragment, a sugar chain, hyaluronic acid and biotin,

wherein said protein is conjugated to at least one molecule of the two or more molecules of the enzyme, and

wherein said protein is not directly conjugated to said carrier.

Claim 28 (New): The product of Claim 27 that is an assay system.

Claim 29 (New): The product of Claim 27 that is an immunoassay device.

Claim 30 (New): The product of Claim 27 that comprises a microtiter plate.

Claim 31 (New): The product of Claim 27 that comprises a slide.

Claim 32 (New): A method for making a carrier-enzyme-protein complex,  
comprising:

contacting a carrier, an enzyme and a protein, wherein said protein binds to at least one substance selected from the group consisting of an antigen, an antibody, an antibody fragment, a sugar chain, hyaluronic acid and biotin, under conditions suitable for attachment of the carrier directly to the enzyme and suitable for attachment of the protein directly to the enzyme and

recovering or isolating a complex of carrier-enzyme-protein;

wherein said carrier-enzyme-protein complex comprises:

a carrier;

an enzyme, two or more molecules of the enzyme being conjugated to the carrier; and

a protein that binds to at least one substance selected from the group consisting of an antigen, an antibody, an antibody fragment, a sugar chain, hyaluronic acid and biotin,

wherein said protein is conjugated to at least one molecule of the two or more molecules of the enzyme, and

wherein said protein is not directly conjugated to said carrier.

Claim 33 (New): The method of Claim 32, wherein said protein binds to an antigen.

Claim 34 (New): The method of Claim 32, wherein said protein binds to an antibody.

Claim 35 (New): The method of Claim 32, wherein said protein binds to an antibody fragment.

Claim 36 (New): The method of Claim 32, wherein said protein binds to a sugar chain.

Claim 37 (New): The method of Claim 32, wherein said protein binds to hyaluronic acid.

Claim 38 (New): The method of Claim 32, wherein said protein binds to biotin.

Claim 39 (New): A method for making a product comprising:  
incorporating into said product, a carrier-enzyme-protein complex, which comprises:  
a carrier;  
an enzyme, two or more molecules of the enzyme being conjugated to the carrier; and  
a protein that binds to at least one substance selected from the group consisting of an antigen, an antibody, an antibody fragment, a sugar chain, hyaluronic acid and biotin,  
wherein said protein is conjugated to at least one molecule of the two or more molecules of the enzyme, and  
wherein said protein is not directly conjugated to said carrier.

Claim 40 (New): The method of Claim 39, wherein said product is a reagent.

Claim 41 (New): The method of Claim 39, wherein said product is an assay system.

Claim 42 (New): The method of Claim 39, wherein said product is an immunoassay kit.

Claim 43 (New): The method of Claim 39, wherein said product is an enzyme immunoassay kit.

Claim 44 (New): The method of Claim 39, wherein said product is an immunohistostaining immunoassay kit.

Claim 45 (New): The method of Claim 39, wherein said product comprises a microtiter plate.

Claim 46 (New): The method of Claim 39, wherein said product comprises a slide.